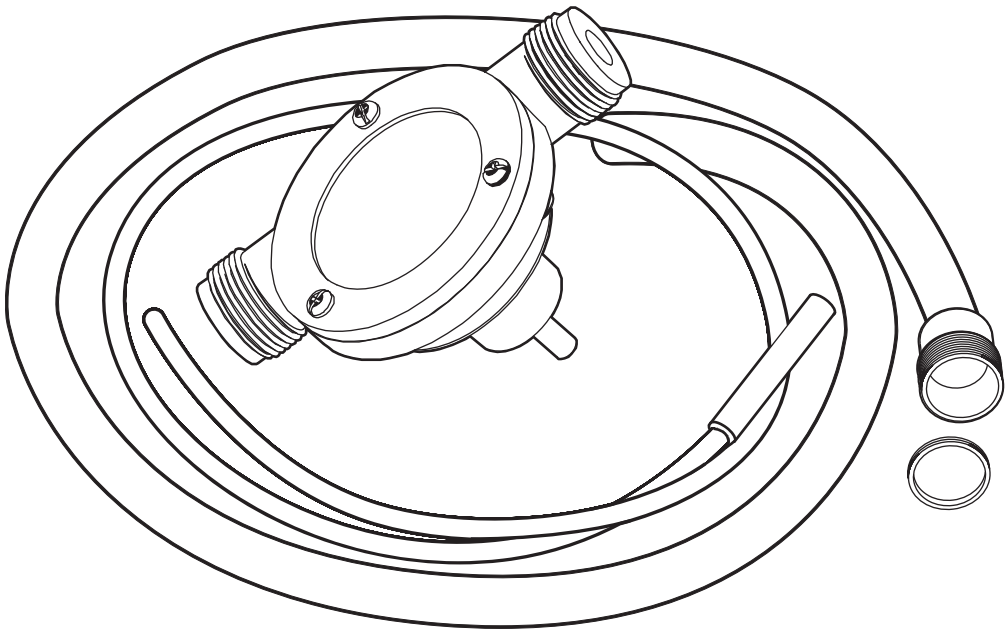
EVERBILT™

Item # 147 877
Model #PUP63_HD

USE AND CARE GUIDE

DRILL PUMP



Questions, problems, missing parts? Before returning to the store,
call Everbilt Customer Service
8 a.m. - 6 p.m., EST, Monday-Friday

1-800-305-1726

HOMEDEPOT.COM

THANK YOU

We appreciate the trust and confidence you have placed in Everbilt through the purchase of this drill pump. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Everbilt!

Table of Contents

Safety Information

1. Read and save these instructions.
2. Read carefully before attempting to assemble, operate, or maintain this product. Protect yourself and others by observing all safety information. Failure to comply with these instructions can result in personal injury and/or property damage.
3. Retain these instructions for future reference.

LIMITATIONS

This device was designed for use with clean water and motor oil only.

WARNING: Never use in explosive atmospheres. The pump is not explosion proof.

WARNING: Fire hazard. Never pump gasoline or other volatile or flammable liquids with this unit.

WARNING: Follow all safety precautions recommended by the manufacturer of the electric drill.

WARNING: Operate with a 3-wire grounded power cord only or with a double insulated drill.

CAUTION: Disconnect the electric drill before attempting to service the pump.

CAUTION: Provide a means of pressure relief in case the discharge line is shut off or obstructed.

CAUTION: Always check hoses before using the pump. Replace if worn or weak.

CAUTION: Always check all connections for tightness before using the pump.

Warranty

WHAT IS COVERED

This pump is guaranteed for 90 days from date of purchase. It will pump clean water and motor oil.

WHAT IS NOT COVERED

Pumping anything other than clean water and motor oil, and if damaged due to misuse from primarily being run without water or oil in the pump (running the pump dry).

Contact the Customer Service Team at 1-800-305-1726 or visit www.HomeDepot.com.

Pre-Assembly

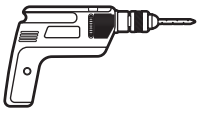
PRODUCT SPECIFICATIONS

Maximum Head at 1,200 RPM	45 ft.
Maximum Head at 800 RPM	32 ft.
Rate of Flow at 1,200 RPM	90 GPH
Rate of Flow at 800 RPM	60 GPH
Priming	Self-priming up to 8 ft. vertically
Lubrication	Pressure-lubricated bearings, shaft, and seal

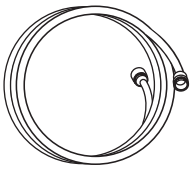
PLANNING OPERATION

Carefully unpack and inspect each part. Compare parts with the Package Contents list. If any part appears missing or damaged, do not operate this product. Contact the Customer Service Team.

TOOLS REQUIRED



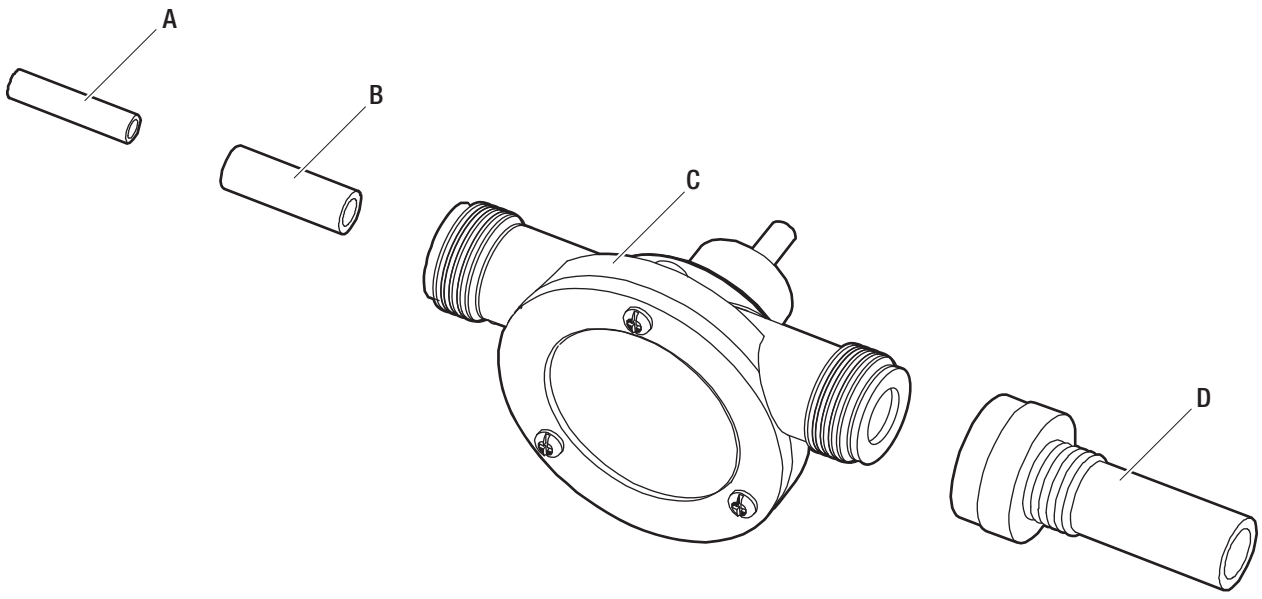
Drill



Garden hose

Pre-Assembly (continued)

PACKAGE CONTENTS



Part	Description	Replacement Part Number	Quantity
A	Oil tube, 30 in. x ¼ in. O.D.	60DRLL003	1
B	3 in. Adapter tube (3/8 in. O.D., and ¼ in. I.D.)	60DRLL005	1
C	Pump	60DRLL001	1
D	3 ft. x 1/2 in. garden hose with a brass female fitting	60DRLL006	1

Assembly

1 Preparing to pump motor oil using adapter and tube.

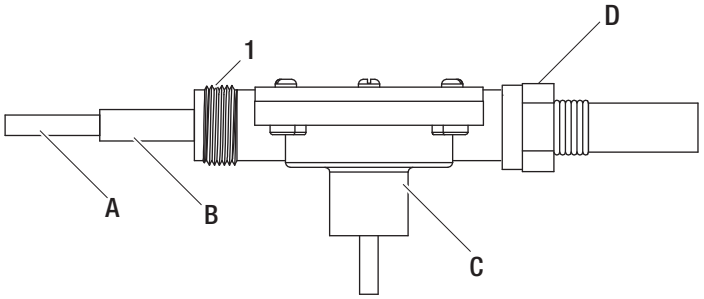
WARNING: Ensure drill is not connected to electrical service as you begin this process.

- □ Remove the dipstick from the engine/motor from which you plan to remove motor oil.
- □ Cut at a 60° angle one end of tube (A).
- □ From the 60° end of the tube, cut a length of tube that is 1-1/2 in. longer than the length of the dipstick.
- □ Place the uncut end of the oil probe tube (A) into the adapter tube (B), at least 1 in. or until it stops.
- □ Lubricate the pump impeller by placing several drops of mineral or vegetable oil on the impeller at inlet port (1).
- □ Place the adapter tube (B) into the inlet port (1) of the pump (C) as far as it will go.
- □ Insert the end of the tube (A) with the 60° cut into the motor dipstick hole.
- □ Attach the garden hose (D) to port (2).
- □ Attach the drill pump with tubes and hose to the drill.
- □ Connect the drill motor power cord to a 3-wire grounded plug.

WARNING: To minimize the pump rotating on the drill, firmly grip the drill pump and hold it as you start the drill.

WARNING: Ensure motor oil is drawn into the drill pump within 15-20 seconds to avoid damaging the pump. If it does not, check to ensure the tube (A) is firmly inserted in the adapter (B) and that the adapter (B) is firmly installed in pump (C), ensure the tube is not crimped, and ensure the tube is fully inserted in the motor dipstick hole.

NOTE: Motor oil should be removed when it is at room temperature.



2 Preparing to pump clean water using garden hoses connected to the pump

WARNING: Ensure drill is not connected to electrical service as you begin this process.

- □ Inspect the washer in the inlet hose (D) to make sure it is in good condition and installed in the hose.
- □ Lubricate the pump impeller by placing several drops of mineral or vegetable oil on the impeller at inlet port (1).
- □ Connect hose (D) to the inlet port (1) and another hose to outlet port (2) on pump (C).

WARNING: Keep the inlet hose as short as possible.

WARNING: The combined height of the inlet and outlet hose should be no higher than 8 ft. above the water source and/or not more than 25ft. horizontally from the water source.

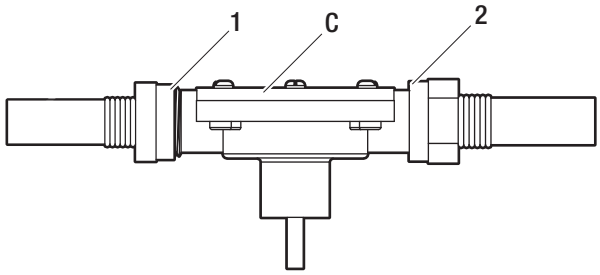
- □ Attach the drill pump with hoses to the drill.
- □ Connect the drill motor power cord to a 3-wire grounded plug.

WARNING: To minimize the pump rotating on the drill, firmly grip the drill pump and hold it as you start the drill.

WARNING: Ensure water is drawn into the drill pump within 15-20 seconds to avoid damaging the pump. If it does not, check to ensure the hose connections are firmly installed to the pump (C), ensure none of the hoses are crimped, and ensure the garden hose (D) is fully inserted into the water source.

NOTE: Water should be removed when it is at room temperature.

WARNING: Should the water have suspended solids in it, a strainer should be installed on that part of hose (D) that is in the water. A piece of door screen wrapped and held with a wire tie to the end of the hose in the water source would be an example of a strainer.



Operation

1 Preparing for operation

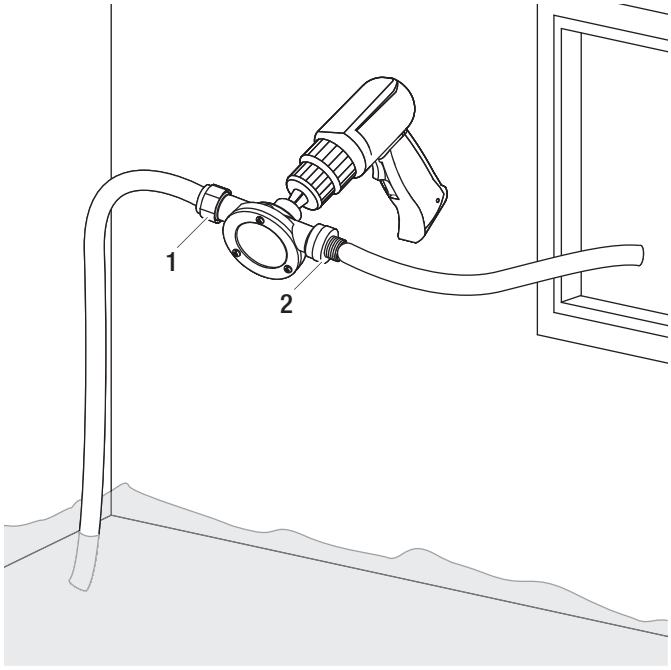
WARNING: Risk of electric shock, personal injury, or death. Never touch or handle a drill driven pump with wet hands or when standing on a wet or damp surface, or in water.

WARNING: Be sure the drill is always electrically grounded to an acceptable electrical ground.

NOTE: Keep the suction line as short as possible, and filled with water.

NOTE: Any air leaks in the suction line will prevent the pump from priming.

- □ Use the unit within the liquid temperature range of 40°F to 120°F.
- □ Inspect hoses thoroughly before each use, making certain that all connections are tight and the hoses are in good condition.
- □ Ensure that the inlet line (1) is airtight and submerged in fluid. The inlet (1) and discharge (2) lines should be free of kinks and other flow restrictions.



2 Priming the pump

NOTE: Never operate the impeller dry. Operating it dry for as little as 30 seconds can ruin it. The impeller must be oiled to reduce friction or wear.

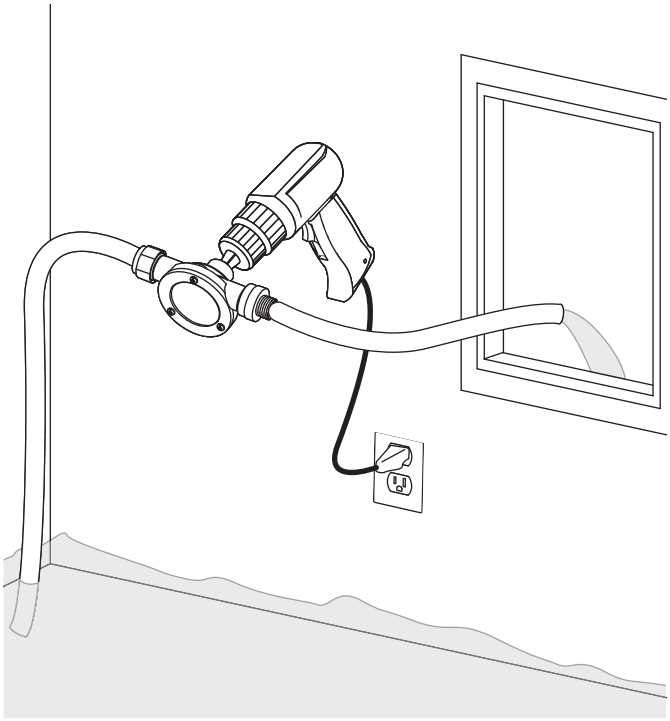
NOTE: Never operate the pump dry for prolonged periods of time, as this will damage the pump.

NOTE: Use a strainer on the end of the inlet hose, when pumping liquids with small solids to extend pump life.

NOTE: Oil becomes thick in cold weather. Oil must be kept thin for the pump to work properly.

- □ Wet the impeller located inside the pump with pumped fluid and/or cooking or mineral oil before starting the pump. This improves the priming process.
- □ Start the drill pump. Self-priming should occur within 30 seconds. The pump will self-prime up to an 8 ft. vertical lift. Ensure that liquid enters the pump within 15 to 20 seconds. If not, refer to the assembly instructions and also the Troubleshooting section.

NOTE: Electric drills are not intended to be operated unattended or continuously. Doing either of these can cause the pump and drill to fail.



Maintenance

Normal use of the pump causes it to wear. To extend pump life:

- □ Lubricate the impeller with cooking oil or mineral oil.
- □ Always flush with clear water after using.
- □ Keep the suction line as short as possible and prime the line (fill with liquid) when possible before starting the pump.

Troubleshooting

Problem	Probable Cause	Corrective Action
The pump will not prime.	Air is leaking into the inlet hose or connection.	Replace the washer in the hose fitting or replace the hose.
	The inlet hose is clogged.	Clean or replace the hose.
	The hose collapsed due to inlet line suction on a flat surface.	Notch the end of the inlet line where it meets the flat surface.
	The impeller, body, and end cover are worn from pumping abrasives.	Replace the pump.
	The impeller blades are missing or charred from dry running.	Replace the pump.
	Air is leaking in at the seal or O-ring.	Replace the pump.
	The shaft turns but the impeller does not turn.	Replace the pump.
There is a low flow rate.	The drill is running too slowly.	Increase the drill speed or use another 1/4 in. drill or larger.
	There is restriction in the inlet or discharge hoses.	Clean or replace the hoses. Check hoses to eliminate any sharp bends or kinks in the lines.
Liquid is leaking where the shaft enters the pump body.	The lip seal is damaged.	Replace the pump.

EVERBILT

Questions, problems, missing parts? Before returning to the store,
call Everbilt Customer Service
8 a.m. - 6 p.m., EST, Monday-Friday

1-800-305-1726

HOMEDEPOT.COM

Retain this manual for future use.